

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-------------------------------|---|------------------|---------|------------------|
| L1 | 2 | "20050224312" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 14:00 |
| L2 | 19 | "4953682" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 14:02 |
| L3 | 22116 | "194"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 14:03 |
| L4 | 2 | 3 and (door near maintenance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/05 14:03 |

EAST Search History

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|----|-----|--|--|----|----|------------------|
| S1 | 312 | ("20050224312" "6199926" "5975600" "6050625" "6386607" "6419600" "4522438" "4629235" "5188410" "5335953" "5470067" "5755632" "5810681" "6029850" "6098571" "6572167" "6604767" "6883844" "20010048228" "20020171253" "20040026941" "4393971" "4817955" "6176363" "5363984" "5551912" "5566806" "5385266" "4579340" "4964665" "3663049" "4046131" "4108432" "4427060" "4913431" "4928417" "5368351" "5431410" "5437488" "5466027" "5476297" "5665008" "5766101" "5775751" "4288074" "5507271" "5823894" "4391446" "4538810" "4573610" "4778182" "4892318" "4947676" "4993460" "5191995" "5439135" "5457934" "5624325" "5665004" "5839607" "5860415" "6220479" "6220479" "6334546" "6419589" "6942578" "20030004004" "4871171" "5330194" "3602506" "4844527" "4923200" "5507541" "20050052040" "5993322" "4896798" "5413343" "4046286" "4054197" "4126217" "5018731" "5221093" "5326107" "5673812" "5722656" "4944391" "4995374" "5230506" "5299846" "5492321" "4815738" "4940231" "5494278" "5662533" "6077170" "6142544" "6176230" "3566893" "3926465" "3901545" "3826439" "3788506" "4077533" "4116192" "4252490" "4254981" "4291885" "4313632" "4318654" "4327913" "4334707" "4411463" "4412697" "4441837" "4509751" "4531734" "4549758" "4589220" "4601474" "4761026" "4774804" "4783075" "4784389" "4787632" "4799725" "4846515" "4872675" "4927154" "4941663" "4949961" "4951947" "4957319" "4971319" "4974894" "4979742" "4993712" "5004240" "5011150" "5026061" "5188409" "5205598" "5240246" "5246260" "5265926" "5292161" "5294161" "5301991" "5303967" "5310177" "5328220").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/27 19:04 |
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EAST Search History

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|-----|-----|---|------------------------------|----|----|------------------|
| S2 | 35 | ("2071356" "2171299" "3690676" "4146232" "4265453" "4360204" "4575092" "4796893" "4878665" "4892318" "4928417" "4957296" "4995614" "5282628" "5326107" "5346222" "5411267" "5458339" "5464223" "5580318" "5624325" "5632687" "5665004" "5697176" "5704844" "5895325" "5971862" "6106405" "6110059" "6139441" "6159105" "6315676" "D428088").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:08 |
| S3 | 24 | S1 and coins | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:15 |
| S4 | 485 | 194/205 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:17 |
| S5 | 992 | 194/206 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S6 | 673 | 194/207 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S7 | 96 | 194/208 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S8 | 152 | 194/209 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S9 | 262 | 194/210 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S10 | 93 | 194/211 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S11 | 366 | 194/212 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S12 | 158 | 194/213 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |

EAST Search History

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|-----|--------|---|------------------------------|----|----|------------------|
| S13 | 222 | 194/205.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:17 |
| S14 | 398 | 194/206.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S15 | 277 | 194/207.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S16 | 63 | 194/208.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S17 | 92 | 194/209.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S18 | 145 | 194/210.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S19 | 237 | 194/211.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S20 | 355 | 194/212.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S21 | 137 | 194/213.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:18 |
| S22 | 3010 | S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:19 |
| S23 | 150 | S22 and (balls or spheres) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:31 |
| S24 | 8 | ("4538810" "0445469" "5188410" "5476297" "5566806" "5755632" "6213574").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:37 |
| S25 | 348905 | retriev\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:38 |
| S26 | 1630 | retriev\$4 near (ball or sphere) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:41 |
| S27 | 1647 | retriev\$4 near (ball sphere orb spheroid ellipsoid) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:44 |

EAST Search History

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|-----|--------|---|---|----|----|------------------|
| S28 | 2195 | (retriev\$4 recover\$4 regain\$3 redeem) near (ball sphere orb spheroid ellipsoid) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:50 |
| S29 | 1113 | S28 and (change check checks coin coinage coins currency tender token tokens "bingo chips" "poker chips") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:47 |
| S30 | 135 | S28 and (coins) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:48 |
| S31 | 1 | (retriev\$4 recover\$4 regain\$3 redeem) near (ball sphere orb spheroid ellipsoid) near coins | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:48 |
| S32 | 0 | "in return for" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:49 |
| S33 | 0 | "in exchange for" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:49 |
| S34 | 540332 | exchange | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:49 |
| S35 | 0 | (retriev\$4 recover\$4 regain\$3 redeem) near (ball sphere orb spheroid ellipsoid) near exchange | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:51 |
| S36 | 0 | (retriev\$4 recover\$4 regain\$3 redeem) near (ball sphere orb spheroid ellipsoid) near (exchange or trade) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:52 |
| S37 | 1 | (exchange or trade) near (ball sphere orb spheroid ellipsoid) near (coins) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:54 |
| S38 | 108004 | (tube or conduit or pipe) near (cans or bottles) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:55 |
| S39 | 17 | S38 and S22 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 19:56 |
| S40 | 3137 | noland.xp. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:22 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S41 | 363 | S40 and conduit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:19 |
| S42 | 69 | S41 and kenneth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:20 |
| S43 | 468 | 221/303 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:22 |
| S44 | 407 | 221/307 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:22 |
| S45 | 298 | 221/309 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:22 |
| S46 | 215 | 221/199 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:22 |
| S47 | 2 | ("6439424").URPN. | USPAT | OR | ON | 2006/09/28 11:27 |
| S48 | 9 | ("4058336" "4491221" "4629235" "4678108" "4840332" "5060996" "5620378" "5715947" "5839607").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 11:27 |
| S49 | 26 | ("4678108").URPN. | USPAT | OR | ON | 2006/09/28 11:29 |
| S50 | 3 | ("5988433").URPN. | USPAT | OR | ON | 2006/09/28 11:30 |
| S51 | 22 | ("4058336").URPN. | USPAT | OR | ON | 2006/09/28 11:32 |
| S52 | 8 | ("4088251" "4712712" "4798319" "5064107" "5086948" "5190196" "5611457" "5826746").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 11:40 |

EAST Search History

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|-----|---------|--|--|----|----|------------------|
| S53 | 13 | ("4712712").URPN. | USPAT | OR | ON | 2006/09/28 11:48 |
| S54 | 413 | baseball and coins | USPAT | OR | ON | 2006/09/28 11:57 |
| S55 | 22 | (retriev\$4 recover\$4 regain\$3 redeem) near (baseball) | USPAT | OR | ON | 2006/09/28 11:54 |
| S56 | 366 | S54 and "22" | USPAT | OR | ON | 2006/09/28 11:54 |
| S57 | 1 | S54 and S55 | USPAT | OR | ON | 2006/09/28 11:50 |
| S58 | 11024 | "194"/\$.ccls. | USPAT | OR | ON | 2006/09/28 11:56 |
| S59 | 1102405 | (retriev\$4 recover\$4 regain\$3 redeem return) | USPAT | OR | ON | 2006/09/28 11:56 |
| S60 | 11024 | "194"/\$.ccls. | USPAT | OR | ON | 2006/09/28 11:55 |
| S61 | 22084 | "194"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:56 |
| S62 | 1102405 | (retriev\$4 recover\$4 regain\$3 redeem return) | USPAT | OR | ON | 2006/09/28 11:57 |
| S63 | 1102405 | (retriev\$4 recover\$4 regain\$3 redeem return) | USPAT | OR | ON | 2006/09/28 11:57 |
| S64 | 2843330 | (retriev\$4 recover\$4 regain\$3 redeem return) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:58 |
| S65 | 5333 | S61 and S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:58 |
| S66 | 450 | S65 and balls | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:58 |

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|-----|--------|---|--|----|----|------------------|
| S67 | 428 | S66 and return | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 11:58 |
| S68 | 4 | ("2076299").URPN. | USPAT | OR | ON | 2006/09/28 12:00 |
| S69 | 0 | ("3598216").URPN. | USPAT | OR | ON | 2006/09/28 12:11 |
| S70 | 0 | ("3598216").URPN. | USPAT | OR | ON | 2006/09/28 12:11 |
| S71 | 4 | ("3100034" "3143345").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:11 |
| S72 | 20 | ("3104607" "3749240" "3792765" "3802631" "3907087" "4091725" "4102263" "4265170" "4436026" "4454028" "4483248" "4512253" "4597487" "4601238" "4715920" "4726535" "4784251" "Re27643").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:13 |
| S73 | 15 | ("4512253").URPN. | USPAT | OR | ON | 2006/09/28 12:15 |
| S74 | 15 | ("4512253").URPN. | USPAT | OR | ON | 2006/09/28 12:37 |
| S75 | 1293 | bustos | USPAT | OR | ON | 2006/09/28 12:37 |
| S76 | 626232 | food | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 12:37 |
| S77 | 2094 | bustos | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 12:37 |
| S78 | 471 | S77 and food | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 12:37 |

EAST Search History

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|-----|-------|---|--|----|----|------------------|
| S79 | 170 | S78 and gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 12:38 |
| S80 | 38847 | "221"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 12:38 |
| S81 | 6 | S80 and S79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 12:38 |
| S82 | 11 | ("5586686").URPN. | USPAT | OR | ON | 2006/09/28 12:39 |
| S83 | 14 | ("4049130" "4339026" "4540325" "4645035" "4646035" "4678074" "4917227" "5305808" "5361891" "5392897" "5586686" "5992844" "6155400" "6322295").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:50 |
| S84 | 5 | ("2186302" "3294343" "5586686").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:52 |
| S85 | 13 | ("3647026" "3951461" "4073368" "4111282" "4284370" "4638312" "4675515" "4712650" "5020688" "5105979" "5113974" "5158155" "5354152").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:54 |
| S86 | 9655 | sorensen | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:54 |
| S87 | 52 | young near thompson | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:54 |
| S88 | 1 | S86 and S87 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:54 |

EAST Search History

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|----------|-------|---|------------------------------|----|----|------------------|
| S89 | 23878 | "Young & Thompson" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:55 |
| S90 | 25 | S89 and Sorensen | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:58 |
| S91 | 17 | ("1719826" "2525261" "3620341" "4248358" "4977823" "5091713" "5404797" "5586686" "5918764" "5956876" "6325250" "6464104" "6505757" "6522834" "6810304").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:58 |
| S92 | 6 | ("2525261").URPN. | USPAT | OR | ON | 2006/09/28 13:04 |
| S93 | 57 | 194/247 | USPAT | OR | ON | 2006/09/28 13:23 |
| S94 | 17 | ("0772226" "1004094" "1212994" "1626429" "2824667" "3161321" "4308974" "4429806" "5127543" "5555965" "D417309").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 14:29 |
| S95 | 22 | "5917930" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 14:45 |
| S96 | 1 | "11137295" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 16:17 |
| S97 | 18 | "4953682" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 16:32 |
| S98 | 1 | "6889901" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 18:26 |
| S99 | 3 | "6561380" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 18:29 |
| S10 0 | 19780 | "194"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 18:29 |
| S10 1 | 4936 | S100 and vending | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 18:30 |
| S10 2 | 295 | S101 and balls | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 18:30 |
| S10 3 | 9 | S101 and (balls near vending) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 18:30 |

EAST Search History

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|----------|-------|--------------------|--|----|----|------------------|
| S10 4 | 4 | ("4126217").URPN. | USPAT | OR | ON | 2006/09/28 18:32 |
| S10 5 | 0 | ("1952244").URPN. | USPAT | OR | ON | 2006/09/28 18:36 |
| S10 6 | 0 | ("1952244").URPN. | USPAT | OR | ON | 2006/09/28 18:36 |
| S10 7 | 0 | ("1952244").URPN. | USPAT | OR | ON | 2006/09/28 18:40 |
| S10 8 | 13 | vending near balls | USPAT | OR | ON | 2006/09/28 18:40 |
| S10 9 | 27 | vend\$3 near balls | USPAT | OR | ON | 2006/09/28 18:40 |
| S11 0 | 84 | vend\$3 near balls | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 18:41 |
| S11 1 | 22084 | "194"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 18:41 |
| S11 2 | 5243 | S111 and vending | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 18:42 |
| S11 3 | 5405 | S111 and vend\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 18:42 |
| S11 4 | 310 | S113 and balls | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 18:42 |

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| S11 5 | 84 | vend\$3 near balls | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 18:42 |
| S11 6 | 37 | S115 and coins | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 19:24 |
| S11 7 | 6 | ("5009330").URPN. | USPAT | OR | ON | 2006/09/28 18:47 |
| S11 8 | 2 | "20050224312" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 19:24 |
| S11 9 | 19 | "4953682" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/29 11:14 |